

CLAIMS

What is claimed is:

- 1 1. A method, comprising:
 - 2 receiving a set of configuration parameter change requests within a
 - 3 transaction;
 - 4 checksetting the set of configuration parameter change requests within the
 - 5 transaction; and
 - 6 executing the set of configuration parameter change requests within the
 - 7 transaction.
- 1 2. The method of claim 1 wherein said receiving a set of configuration parameter
2 change requests within a transaction comprises receiving requests to change at
3 least two configuration parameters of a module.
- 1 3. The method of claim 1 wherein said receiving a set of configuration parameter
2 change requests within a transaction comprises receiving configuration parameters
3 in an incorrect sequence.
- 1 4. The method of claim 1 wherein said checksetting the set of configuration
2 parameter change requests within the transaction comprises requesting validation
3 of configuration parameter change requests.
- 1 5. The method of claim 1 wherein said checksetting the set of configuration
2 parameter change requests within the transaction comprises receiving a response
3 to requesting validation of configuration parameter change requests.
- 1 6. The method of claim 1 wherein said checksetting the set of configuration
2 parameter change requests within the transaction comprises determining a
3 corrected sequence for configuration parameter change requests.

- 1 7. The method of claim 1 wherein said executing the set of configuration parameter
2 change requests within the transaction comprises rejecting configuration
3 parameter change requests.
- 1 8. The method of claim 1 wherein said executing the set of configuration parameter
2 change requests within the transaction comprises deleting a temporary
3 configuration parameter change requests database.
- 1 9. The method of claim 1 wherein said executing the set of configuration parameter
2 change requests within the transaction comprises requesting a change to a
3 configuration parameter in a module.
- 1 10. The method of claim 9 wherein requesting a change to a configuration parameter
2 in a module comprises initiating configuration parameter change requests within
3 the transaction in a corrected sequence.

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- 1 11. An apparatus, comprising:
- 2 a configuration manager; and
- 3 a module coupled to said configuration manager.
- 1 12. The apparatus of claim 11, further comprising a management client coupled to
2 said configuration manager.
- 1 13. The apparatus of claim 11, wherein said configuration manager comprises a
2 microprocessor coupled to a memory device.
- 1 14. The apparatus of claim 13, wherein the memory device comprises memory to
2 store configuration parameter change requests.
- 1 15. The apparatus of claim 11, wherein said configuration manager comprises a
2 microprocessor to checkset and execute configuration parameter change requests
3 within a transaction.
- 1 16. The apparatus of claim 11, wherein said module comprises circuitry to perform a
2 function of said node.
- 1 17. The apparatus of claim 11, wherein said module comprises a module to validate a
2 configuration parameter.
- 1 18. The apparatus of claim 11, wherein said module comprises a module to transact
2 with a management workstation.

- 1 19. A system, comprising:
 - 2 a node to checkset and execute a configuration parameter change request
 - 3 within a transaction; and
 - 4 a station coupled to said node.

1 20. The system of claim 19, wherein said node comprises:
2 a configuration manager; and
3 a module coupled to said configuration manager.

1 21. The system of claim 19, wherein said node comprises a microprocessor to
2 checkset and execute a configuration parameter change requests within a
3 transaction.

1 22. The system of claim 19, wherein said station comprises a server.

1 23. The system of claim 19, wherein said station comprises a workstation.

1 24. A machine-readable medium containing instructions, which when executed by a
2 machine, cause said machine to perform operations, comprising:
3 receiving a set of configuration parameter change requests within a
4 transaction;
5 checksetting the set of configuration parameter change requests within the
6 transaction; and
7 executing the set of configuration parameter change requests within the
8 transaction.

1 25. The machine-readable medium of claim 24 wherein said receiving a set of
2 configuration parameter change requests within a transaction comprises receiving
3 requests to change at least two configuration parameters of a module.

1 26. The machine-readable medium of claim 24 wherein said receiving a set of
2 configuration parameter change requests within a transaction comprises receiving
3 configuration parameters in an incorrect sequence.

1 27. The machine-readable medium of claim 24 wherein said checksetting the set of
2 configuration parameter change requests within the transaction comprises
3 requesting validation of configuration parameter change requests.

1 28. The machine-readable medium of claim 24 wherein said checksetting the set of
2 configuration parameter change requests within the transaction comprises
3 receiving a response to requesting validation of configuration parameter change
4 requests.

1 29. The machine-readable medium of claim 24 wherein said checksetting the set of
2 configuration parameter change requests within the transaction comprises
3 determining a corrected sequence for configuration parameter change requests.

1 30. The machine-readable medium of claim 24 wherein said executing the set of
2 configuration parameter change requests within the transaction comprises

3 initiating configuration parameter change requests within the transaction in a
4 corrected sequence.